EAST 09/835,523

L Number	Hits	Search Text	DB	Time stamp
4	2501	((514/252.01) or (514/248) or (514/406) or	USPAT;	2004/04/20 18:28
		(514/407)).CCLS.	US-PGPUB	
5	2891	((540/553) or (544/238) or (548/356.1) or (548/364.1) or	USPAT;	2004/04/20 18:29
		(548/364.7)).CCLS.	US-PGPUB	
6	4937	(((514/252.01) or (514/248) or (514/406) or	USPAT;	2004/04/20 18:29
		(514/407)).CCLS.) or (((540/553) or (544/238) or	US-PGPUB	
		(548/356.1) or (548/364.1) or (548/364.7)).CCLS.)		
7	596	((((514/252.01) or (514/248) or (514/406) or	USPAT;	2004/04/20 18:30
		(514/407)).CCLS.) or (((540/553) or (544/238) or	US-PGPUB	
		(548/356.1) or (548/364.1) or (548/364.7)).CCLS.)) and		
		(diaza or pyrazolidin or pyrazolidinyl or dihydropyridazin		
		or dihydropyridazinyl)		

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COST IN U.S. DOLLARS

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FULL ESTIMATED COST

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STRUCTURE FILE UPDATES: 19 APR 2004 HIGHEST RN 676225-08-4 DICTIONARY FILE UPDATES: 19 APR 2004 HIGHEST RN 676225-08-4

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Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at: http://www.cas.org/ONLINE/DBSS/registryss.html

=>

chain nodes :

8 9 10 11 12 13

ring nodes:
1 2 3 4 5
chain bonds:

1-9 5-8 9-10 9-11 11-12 11-13

ring bonds :

1-2 1-5 2-3 3-4 4-5

exact/norm bonds :

1-9 5-8 9-10 11-12 11-13

exact bonds :

1-2 1-5 2-3 3-4 4-5 9-11

isolated ring systems :

containing 1 :

G1:0,S

G2:H,Cb,Hy,Ak

G3:C,O,S,N,P

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 8:CLASS 9:CLASS 10:CLASS 11:CLASS 12:CLASS 13:CLASS

=> d l1 L1 HAS NO ANSWERS L1 STR

G1 0,S

G2 H, Cb, Hy, Ak

G3 C, O, S, N, P

Structure attributes must be viewed using STN Express query preparation.

=> s l1 ful FULL SEARCH INITIATED 14:00:04 FILE 'REGISTRY' FULL SCREEN SEARCH COMPLETED - 138 TO ITERATE

100.0% PROCESSED 138 ITERATIONS SEARCH TIME: 00.00.01

28 ANSWERS

SEARCH TIME: 00

28 SEA SSS FUL L1

=> file caplus

L2

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FILE COVERS 1907 - 20 Apr 2004 VOL 140 ISS 17 FILE LAST UPDATED: 19 Apr 2004 (20040419/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 12 L3 5 L2

=> d 13 1- ibib abs hitstr YOU HAVE REQUESTED DATA FROM 5 ANSWERS - CONTINUE? Y/(N):y

CORPORATE SOURCE:

L3 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2004 ACS ON STN ACCESSION NUMBER: 2003:788599 CAPLUS DOCUMENT NUMBER: 140:122088
TITLE: SVDthesis molocul

AUTHOR (S):

140:122088
Synthesis, molecular modeling and biological evaluation of aza-proline and aza-pipecolic derivatives as FKBP12 ligands and their in vivo neuroprotective effects
Wilkinson, Douglas E.; Thomas, Bert E.; Limburg, David C.; Holmes, Agnes; Sauer, Hansjorg; Ross, Douglas T.; Soni, Raj; Chen, Yi; Guo, Hong; Howorth, Pamela; Valentine, Heather; Spicer, Dawn; Fuller, Mike; Steiner, Joseph P.; Hamilton, Gregory S.; Wu, Yong-Qian
Department of Research, Guilford T.

Yong-Gian Department of Research, Guilford Pharmaceuticals, Inc., Baltimore, MD, 21224, USA Bioorganic & Medicinal Chemistry (2003), 11(22), 4815-4825 COODEN: BMSCEP; ISSN: 0968-0896 Elsevier Ltd.

SOURCE:

PUBLISHER: DOCUMENT TYPE: LANGUAGE: AB Nonimmunos

CUDEN: BMECEP; ISSN: 0968-0896

LISHER: Elsevier Ltd.
JOURNAI
JUNGE: English
NONIMMUNOSUppressant ligands, exemplified by GPI 1046, for the
peptidyl-prolyl isomerase FKBP12 have been found to unexpectedly possess
powerful neuroprotective and neuroregenerative effects in vitro and in
vivo. We have extensively explored the therapeutic utility of FKBP12
ligands hased on analogs of proline and pipecolic acid. As part of our
ongoing program to explore novel structural classes of FKBP12 ligands, we
herein wish to report a new class of FKBP12 ligands containing aza-proline and
aza-pipecolic acid analogs. Details of the synthetic studies, together
with biol. activity will be presented.
140125-89-79 140125-88-1P 340125-89-2P
140125-99-79 140125-59-97 140125-90-1P
140125-99-4P 140255-00-0P 340125-92-1P
140125-99-4P 340256-00-0P 340125-02-2P
140125-93-3P 340125-04-4P 648958-29-6P
648958-30-9P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); TRU
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
(Uses)

(aza-proline and aza-pipecolic derivs. as FKBP12 ligands with

(Uses)
 (aza-proline and aza-pipecolic derivs. as FKBP12 ligands with
 neuroprotective effects)
340255-68-7 CAPLUS
Pyrazolidine, 1-(3.3-dimethyl-1,2-dioxopentyl)-2-(1-oxo-5-phenylpentyl)(9CI) (CA INDEX NAME)

340255-88-1 CAPLUS

ANSWER 1 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

340255-92-7 CAPLUS
Pyrazolidine, 1-(3,3-dimethyl-1,2-dioxopentyl)-2-(1-oxo-6-phenylhexyl)-(9CI) (CA INDEX NAME)

— (CH₂)₅—Ph

340255-94-9 CAPLUS 1-Pyrazolidinecarboxylic acid, 2-(3,3-dimethyl-1,2-dioxopentyl)-, 3-phenylpropyl ester (9CI) (CA INDEX NAME)

340255-95-0 CAPLUS
1-Pyrazolidinearboxylic acid, 2-(3,3-dimethyl-1,2-dioxopentyl)-,
3-(3-pyridinyl)propyl ester (9CI) (CA INDEX NAME)

340255-96-1 CAPLUS 1-Pyrazolidinecarboxylic acid, 2-(3,3-dimethyl-1,2-dioxopentyl)-, 4-phenylbutyl ester (9CI) (CA INDEX NAME)

ANSWER 1 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)
Pyrazolidine, 1-(3,3-dimethyl-1,2-dioxopentyl)-2-(1-oxo-3-phenylpropyl)
(9CI) (CA INDEX NAME)

340255-89-2 CAPLUS
Pyrazolidine, 1- (3,3-dimethyl-1,2-dioxopentyl)-2-[1-oxo-5-(3-pyridinyl)-4-pentynyl]- (9CI) (CA INDEX NAME)

340255-90-5 CAPLUS Pyrazolidine, 1-(3,3-dimethyl-1,2-dioxopentyl)-2-(1-oxo-4-pentynyl)- (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & Me & 0 & 0 \\ & \parallel & \parallel \\ Et & -C & -C \\ & Me & N \\ & Me & N \\ & N & C & -CH_2 - CH_2 - C \end{array} \subset CH$$

340255-91-6 CAPLUS Pyrazolidine, 1-(3,3-dimethyl-1,2-dioxopentyl)-2-(1-oxo-4-phenylbutyl)-(SCI) (CA INDEX NAME)

ANSWER 1 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

340255-99-4 CAPLUS
1-Pyrazolidinecarboxylic acid, 2-(3,3-dimethyl-1,2-dioxopentyl)-,
2-phenylethyl eater (9C1) (CA INDEX NAME)

340256-00-0 CAPLUS
Pyridazine, 1-(3,3-dimethyl-1,2-dioxopentyl)hexahydro-2-(1-oxo-6-phenylhexyl)- (9Cl) (CA INDEX NAME)

340256-02-2 CAPLUS
1(2H)-Pyridazinecarboxylic acid, 2-(3,3-dimethyl-1,2-dioxopentyl)tetrahydro-, 3-phenylpropyl ester (9CI) (CA INDEX NAME)

RN 340256-03-3 CAPLUS

ANSWER 1 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN (Continued) 1(2H)-Pyridazinecarboxylic acid, 2-(3,3-dimethyl-1,2-dioxopentyl)tetrahydro-, 4-phenylbutyl ester (9CI) (CA INDEX NAME)

340256-04-4 CAPLUS
1(2H)-Pyridazinecarboxylic acid, 2-(3,3-dimethyl-1,2-dioxopentyl)tetrahydro-, 5-phenylpentyl ester (9CI) (CA INDEX NAME)

648958-29-6 CAPLUS 1-Pyrazolidinecarboxylic acid, 2-{3,3-dimethyl-1,2-dioxopentyl}-, 4-(3-pyridinyl)butyl ester (9CI) (CA INDEX NAME)

648958-30-9 CAPLUS 1(2H)-Pyridazinecarboxylic acid, 2-(3,3-dimethyl-1,2-dioxopentyl)tetrahydro-, 5-(3-pyridinyl)pentyl ester (9CI) (CA INDEX NAME)

ANSWER 1 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

648958-46-7 CAPLUS 1(2H)-Pyridazinecarboxylic acid, 2-(3,3-dimethyl-1,2-dioxopentyl)tetrahydro-, phenylmethyl ester (9CI) (CA INDEX NAME)

REFERENCE COUNT:

THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

ANSWER 1 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN

340256-19-1P 340256-20-4P 648958-45-6P
648958-46-7P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(aza-proline and aza-pipecolic derivs. as FKBP12 ligands with
neuroprotective effects)
340256-19-1 CAPLUS
Pyridazine, 1-(3,3-dimethyl-1,2-dioxopentyl)hexahydro-2-(1-oxo-5-hexynyl)(9CI) (CA INDEX NAME)

340256-20-4 CAPLUS
Pyridazine, 1-{3,3-dimethyl-1,2-dioxopentyl}hexahydro-2-{1-oxo-6-{3-pyridinyl}-5-hexynyl}- (9CI) (CA INDEX NAME)

648958-45-6 CAPLUS 1-Pyrazolidinecarboxylic acid, 2-(3,3-dimethyl-1,2-dioxopentyl)-, phenylmethyl ester (SCI) (CA INDEX NAME)

L3 ANSWER 2 OF 5
ACCESSION NUMBER:
DOCUMENT NUMBER:
2002:172490 CAPLUS
136:232310
Preparation of N-substituted cyclic aza compounds having neuronal activity
NVENTOR(S):
BATENT ASSIGNEE(S):
SOURCE:
U.S. Pat. Appl. Publ., 54 pp., Cont.-in-part of U. S. Ser. No. 551.618.
CODEN: USXXCO

DOCUMENT TYPE:

LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION: English

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002028814	A1	20020307	US 2001-835523	20010417
US 6417189	B1	20020709	US 2000-551618	20000417
PRIORITY APPLN. INFO.	:	US	1999-164950P P	19991112
		US	2000-551618 A2	20000417
OTHER SOURCE(S):	MA	RPAT 136:232310		

$$0 \downarrow_{\mathbb{R}^2}^{(1)_{\mathcal{I}}} \times \mathbb{R}^1$$



Title compda. I [n = 1-3; R1 = CR3, CO2R3, COR3, etc.; R2, R3 = H, alkyl, alkenyl, etc.; X = O, S], useful for effecting neuronal activities, were prepared Thus, II was prepared via a multi-atep synthesis from tert-Bu 2-benzylperhydropyridazinecarboxylate. Biol. data for I (results of test for rotamase inhibition and MPTP model of Parkinson's disease) were given. E.g., II poseessed a Ki value of 1175 M in inhibition studies of rotamase and a 14% TH recovery in MPTP models. 340255-67-79 340255-89-129 340255-99-57 340255-91-69 340255-92-7P

ANSWER 2 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)
340235-93-8P 340235-94-9P 340235-95-0P
340235-96-1P 340235-99-4P 340235-00-0P
340235-01-1P 340235-07-2P 340235-03-3P
340235-04-4P 340235-07-7P 340235-09-9P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of N-substituted cyclic aza compds. having neuronal activity)
340235-68-7 CAPLUS
Pyrazolidine, 1-(3,3-dimethyl-1,2-dioxopentyl)-2-(1-oxo-5-phenylpentyl)-(9CI) (CA INDEX NAME)

340255-88-1 CAPLUS
Pyrazolidine, 1-(3,3-dimethyl-1,2-dioxopentyl)-2-(1-oxo-3-phenylpropyl)-(9C1) (CA INDEX NAME)

340255-89-2 CAPLUS
Pyrazolidine, 1-(3,3-dimethyl-1,2-dioxopentyl)-2-[1-oxo-5-(3-pyridinyl)-4-pentynyl)- (9CI) (CA INDEX NAME)

340255-90-5 CAPLUS
Pyrazolidine, 1-(3,3-dimethyl-1,2-dioxopentyl)-2-(1-oxo-4-pentynyl)- (9CI)

ANSWER 2 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

340255-94-9 CAPLUS 1-Pyrazolidinecarboxylic acid, 2-(3,3-dimethyl-1,2-dioxopentyl)-, 3-phenylpropyl ester (9CI) (CA INDEX NAME)

340255-95-0 CAPLUS 1-Pyrazolidinecarboxylic acid, 2-(3,3-dimethyl-1,2-dioxopentyl)-, 3-(3-pyridinyl)propyl ester (9CI) (CA INDEX NAME)

340255-96-1 CAPLUS 1-Pyrazolidincer/boxylic scid, 2-(3,3-dimethyl-1,2-dioxopentyl)-, 4-phenylbutyl ester (9CI) (CA INDEX NAME)

340255-99-4 CAPLUS 1-Pyrazolidinecarboxylic acid, 2-(3,3-dimethyl-1,2-dioxopentyl)-,

ANSWER 2 OF 5 CAPLUS COPYRIGHT 2004 ACS ON STN (CA INDEX NAME) (Continued)

340255-91-6 CAPLUS Pyrazolidine, 1-(3,3-dimethyl-1,2-dioxopentyl)-2-(1-oxo-4-phenylbutyl)-(9C1) (CA INDEX NAME)

340255-92-7 CAPLUS
Pyrazolidine, 1-(3,3-dimethyl-1,2-dioxopentyl)-2-(1-oxo-6-phenylhexyl)-(9CI) (CA INDEX NAME)

340255-93-8 CAPLUS
Pyrazolidine, 1-(3,3-dimethyl-1,2-dioxopentyl)-2-{1-oxo-5-(3-pyridinyl)pentyl}- (9CI) (CA INDEX NAME)

ANSWER 2 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN 2-phenylethyl ester (9CI) (CA INDEX NAME) (Continued)

340256-00-0 CAPLUS
Pyridazıne, 1-(3,3-dimethyl-1,2-dioxopentyl)hexahydro-2-(1-oxo-6-phenylhexyl)- (9CI) (CA INDEX NAME)

340256-01-1 CAPLUS
Pyridazine, 1-(3,3-dimethyl-1,2-dioxopentyl)hexshydro-2-[1-oxo-6-(3-pyridinyl)hexyl]- (9CI) (CA INDEX NAME)

340256-02-2 CAPLUS
1(2H)-Pyridazinecarboxylic acid, 2-{3,3-dimethyl-1,2-dioxopentyl)tetrahydro-, 3-phenylpropyl ester {9CI} (CA INDEX NAME)

ANSWER 2 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)
340256-03-3 CAPLUS
1(2H)-Pyridazinecarboxylic acid, 2-(3,3-dimethyl-1,2-dioxopentyl)tetrahydro-, 4-phenylbutyl ester (9CI) (CA INDEX NAME)

340256-04-4 CAPLUS 1(2H)-Pyridazinecarboxylic acid, 2-(3,3-dimethyl-1,2-dioxopentyl)tecrahydro-, 5-phenylpentyl ester (9CI) (CA INDEX NAME)

340256-07-7 CAPLUS
1(2H)-Pyridazinecarboxylic acid, 2-(3,3-dimethyl-1,2-dioxopentyl)tetrahydro-, 4-(3-pyridinyl)butyl ester (9CI) (CA INDEX NAME)

340256-09-9 CAPLUS
Pyridazine, 1-(3,3-dimethyl-1,2-dioxopentyl)hexahydro-2-(1-oxo-5-phenylpenyl)- (9Cl) (CA INDEX NAME)

ANSWER 2 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

ANSWER 2 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN

340256-17-9P 340256-19-1P 340256-20-4P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (preparation of N-substituted cyclic aza compds. having neuronal activity) 340256-17-9 CAPLUS
Pyridazine, 1-(3,3-dimethyl-1,2-dioxopentyl)hexahydro-2-(phenylmethyl)-(9CI) (CA INDEX NAME)

340256-19-1 CAPLUS Pyridazine, 1-(3,3-dimethyl-1,2-dioxopentyl)hexahydro-2-(1-oxo-5-hexynyl)-(9C1) (CA INDEX NAME)

340256-20-4 CAPLUS
Pyridazine, 1-3,3-dimethyl-1,2-dioxopentyl)hexahydro-2-[1-oxo-6-(3-pyridinyl)-5-hexpyrl]-(9CI) (CA INDEX NAME)

L3 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2001:780859 CAPLUS
DOCUMENT NUMBER: 135:331433
TITLE: Preparation of cyclic diaza compounds for treating neurodegenerative disorders (Wu, Yong-Qian, Huang, Wei; Hamilton, Gregory S. GPI NIL Holdings, Inc., USA PCT Int. Appl., 162 pp.
CODEN: PIXXD2
DOCUMENT TYPE: PATHER CODEN: PIXXD2
PATHER ACC. NUM. COUNT: 3

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE PATENT NO. KIND DATE APPLICATION NO. DATE

WO 2001079177 A1 20011025 W0 2001-US12332 20010417

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CC, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, ILI, IN, IS, JP, KR, KG, KP, KR, KZ, LC, LK, LR, LL, LT, LU, LV, MA, MD, MG, MK, NN, MN, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, II, TM, TR, TT, TZ, UA, UG, UZ, VN, VU, ZA, ZM, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RN: GH, GM, KE, LS, MM, MZ, SD, SL, SZ, TZ, UG, ZM, AT, BE, CH, CY, DE, DK, SE, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BP, BJ, CP, CG, CI, CM, GA, GN, CM, ML, MR, NE, SN, TD, TG

US 6417189 B1 20020709 US 2000-551618 20000417

US 2000-551618 A 20000417

OTHER SOURCE(S): MARPAT 135:331433

OTHER SOURCE(S):

Title compds. [I,X = bond, CH2; R = COY(CH2)nC6H5, 5-(3-pyridyl)-pent-4-ynoyl, NCCCCH2CH2CO, 5-(3-pyridyl)-pentanoyl, 3-(3-pyridyl)-propoxycarbonyl; Y = 0, bond; n = 5, 4, 3, 2; R = C6H5CH2SO2, (CH3CH2)(CH3)2CCCO. C6H5CH2SO2, cyclohexylaminocarbonyl] are prepared for pharmaceutical compus. comprising such compds. and methods of their use for effecting neuronal activities. Thus, the title compound 1 (X - bond; Y - bond; n = 4; R = COY(CH2)nC6H5; R = (CH3CH2)(CH3)2CCCO) was prepared and biol. tested in mice for MPTP model of Parkinson's disease and showed recovery of TH-stained dopaminergic neurons. 34035-69-79 340235-93-29 H0235-93-81-13 40235-93-81-13 40235-93-81-13 40235-93-61-17 340235-93-93 10235-93-93-07 340235-94-17 340235-93-93 340235-94-17 340235-93-39 340235-94-18 340235-94-31-39 340235-94-18 340235-94-31-39 340235-94-18 340235-94-31-39 340235-94-18 340235-94-31-39 340235-94-18 340235-94-31-39 340235-94-18 340235-94-31-39 340235-94-31-3

Studies of the studie

ANSWER 3 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN (Continued) 340255-68-7 CAPLUS Pyrazolidine, 1-(3,3-dimethyl-1,2-dioxopentyl)-2-(1-oxo-5-phenylpentyl)-(9CI) (CA INDEX NAME)

340255-88-1 CAPLUS
Pyrazolidine, 1-(3,3-dimethyl-1,2-dioxopentyl)-2-(1-oxo-3-phenylpropyl)-(9C1) (CA INDEX NAME)

340255-89-2 CAPLUS
Pyrazolidine, 1-[3,3-dimethyl-1,2-dioxopentyl]-2-[1-oxo-5-(3-pyridinyl)-4-pentynyl]- (9CI) (CA INDEX NAME)

340255-91-6 CAPLUS
Pyraxolidine, 1-(3,3-dimethyl-1,2-dioxopentyl)-2-(1-oxo-4-phenylbutyl)-(9CI) (CA INDEX NAME)

LЗ ANSWER 3 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

340255-95-0 CAPLUS 1-Pyrazolidinecarboxylic acid, 2-(3,3-dimethyl-1,2-dioxopentyl)-, 3-(3-pyridinyl)propyl ester (9CI) (CA INDEX NAME)

340255-96-1 CAPLUS
1-Pyrazolidinecarboxylic acid, 2-(3,3-dimethyl-1,2-dioxopentyl)-,
4-phenylbutyl ester (9CI) (CA INDEX NAME)

340355-99-4 CAPLUS
1-Pyrazolidinecarboxylic acid, 2-(3,3-dimethyl-1,2-dioxopentyl)-,
2-phenylethyl ester (9CI) (CA INDEX NAME)

340256-00-0 CAPLUS
Pyridazine, 1-(3,3-dimethyl-1,2-dioxopentyl)hexahydro-2-(1-oxo-6-phenylhexyl)- (9C1) (CA INDEX NAME)

L3 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

340255-92-7 CAPLUS
Pyrazolidine, 1-(3,3-dimethyl-1,2-dioxopentyl)-2-(1-oxo-6-phenylhexyl)
69C1) (CA INDEX NAME)

340255-93-8 CAPLUS
Pyrazolidine, 1-(3,3-dimethyl-1,2-dioxopentyl)-2-{1-oxo-5-(3-pyridinyl)pentyl}- (9CI) (CA INDEX NAME)

340255-94-9 CAPLUS 1-Pyrazolidinecarboxylıc acid, 2-(3,3-dimethyl-1,2-dioxopentyl)-, 3-phenylpropyl ester (9CI) (CA INDEX NAME)

ANSWER 3 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

340256-01-1 CAPLUS
Pyridazine, 1-(3,3-dimethyl-1,2-dioxopentyl)hexahydro-2-[1-oxo-6-{3-pyridinyl)hexyl]- (9CI) (CA INDEX NAME)

340256-02-2 CAPLUS 1(2H)-Pyridazinecarboxylic acid, 2-(3,3-dimethyl-1,2-dioxopentyl)tetrahydro-, 3-phenylpropyl ester (9CI) (CA INDEX NAME)

340256-03-3 CAPLUS 1(2H)-Pyridazinecarboxylic acid, 2-(3,3-dimethyl-1,2-dioxopentyl)tetrahydro-, 4-phenylbutyl ester (9CI) (CA INDEX NAME)

RN 340256-04-4 CAPLUS

ANSMER 3 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN (Continued) 1(2H)-Pyridazinecarboxylic acid, 2-(3,3-dimethyl-1,2-dioxopentyl)tecrahydro-, 5-phenylpentyl ester (9CI) (CA INDEX NAME)

340256-07-7 CAPLUS
1(2H)-Pyridazinecarboxylic acid, 2-(3,3-dimethyl-1,2-dioxopentyl)tetrahydro-, 4-(3-pyridinyl)butyl ester (9CI) (CA INDEX NAME)

340256-09-9 CAPLUS Pyridazine, 1-(3,3-dimethyl-1,2-dioxopentyl)hexahydro-2-(1-oxo-5-phenylpentyl- (9C1) (CA INDEX NAME)

369390-81-8 CAPLAUS
Pyrazolidine, 1-(5-cyano-1-oxo-4-pentyny1)-2-(3,3-dimethy1-1,2-dioxopenty1)- (9CI) (CA INDEX NAME)

ANSWER 3 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

REFERENCE COUNT:

THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN

340256-17-9P 340256-19-1P 340256-20-4P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of cyclic diaza compda. for treating neurodegenerative disorders)
340256-17-9 CAPLUS
Pyridazine, 1-(3,3-dimethyl-1,2-dioxopentyl)hexahydro-2-(phenylmethyl)-(9CI) (CA INDEX NAME)

340256-19-1 CAPLUS
Pyridazine, 1-{3,3-dimethyl-1,2-dioxopentyl}hexahydro-2-{1-oxo-5-hexynyl}(OCT) (CA INDEX NAME)

340256-20-4 CAPLUS
Pyridazine, 1-(3,3-dimethyl-1,2-dioxopentyl)hexahydro-2-(1-oxo-6-(3-pyridinyl)-5-hexpyl)- (9CI) (CA INDEX NAME)

L3 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2004 ACS ON STN
ACCESSION NUMBER: 2001:380557 CAPLUS
DOCUMENT NUMBER: 14:366884
Preparation of N-substituted cyclic aza compounds having neuronal activity
NUNENTOR(S): WM, Yong-Gian; Rbang, Wei; Hamilton, Gregory S.
PATEMIT ASSIGNEE(S): GPI Nil Holdings, Inc., USA
SOURCE: CODEN: Appl., 105 pp.
CODEN: PIXXD2
PATEMIT INFORMATION: English
FAMILY ACC. NUM. COUNT: 9
PATEMIT INFORMATION:

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

			DATE							
WO 2001	36388	A1	20010525		WO 2	3000-U	\$23603	200008	28	
W:	AE, AG,	AL, AM,	AT, AU,	AZ,	BA, BE	3, BG,	BR, B	Y, BZ, C	A, CH.	CN.
			DK, DM,							
			IS, JP,							
			MG, MK,							
			SK, SL,							
			BY, KG,						_,,	,
RW:			MW, MZ,					V. AT. B	E. CH.	CY.
			FR. GB,							
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US 64171			20020709						17	
			20020925							
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***			FI, RO,				DI. D), мы, э	e, mc,	ΡΙ,
TD 0000										
			20030422							
PRIORITY APPI	N. INFO	. :								
				Ţ	US 2000	-5516:	18 A	200004	17	
				1	NO 2000	-US236	503 W	200008	28	
OTHER SOURCE (S):	MAR	PAT 134:3	36688	94					
GI										

The title compds. [I; n=1-3; R1=CR3, CO2R3, COR3, etc.; R2, R3=H, alkyl, alkenyl, etc.; <math>X=0, S, uneful for effecting neuronal activities, were prepared E.g., a multi-step synthesis of I I I=2, R1=CO2(CR1)4Ph, R2=CMe2Et; X=0) was described. Biol. data for compds. I (results of test for rotamase inhibition and MPTP model of Parkinson's disease) were given. 140.255-80-19 340.255-80-19 340.255-80-29 340.255-90-9

ANSWER 4 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)
340356-01-1P 340356-02-2P 340256-03-3P
3402356-04-4P 340256-07-7P 340256-03-3P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use);
BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of N-substituted cyclic aza compds. having neuronal activity)
340255-68-7 CAPLUS
Pyrazolidine, 1-(3,3-dimethyl-1,2-dioxopentyl)-2-(1-oxo-5-phenylpentyl)-(9CI) (CA INDEX NAME)

340255-88-1 CAPLUS
Pyrazolidine, 1-(3,3-dimethyl-1,2-dioxopentyl)-2-(1-oxo-3-phenylpropyl)-(9CI) (CA INDEX NAME)

340255-89-2 CAPLUS
Pyrazolidine, 1-(3,3-dimethyl-1,2-dioxopentyl)-2-[1-oxo-5-(3-pyridinyl)-4-pentynyl]- (9CI) (CA INDEX NAME)

340255-90-5 CAPLUS
Pyrazolidine, 1-(3,3-dimethyl-1,2-dioxopentyl)-2-(1-oxo-4-pentynyl)- (9CI)
(CA INDEX NAME)

ANSWER 4 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN

340255-94-9 CAPLUS 1-Pyrazolidinecarboxylic acid, 2-(3,3-dimethyl-1,2-dioxopentyl)-, 3-phenylpropyl enter (9CI) (CA INDEX NAME)

340255-95-0 CAPLUS 1-Pyrazolidinecarboxylic acid, 2-{3,3-dimethyl-1,2-dioxopentyl}-, 3-{3-pyridinyl}propyl ester (9CI) (CA INDEX NAME)

340255-96-1 CAPLUS
1-Pyrazolidinecarboxylic acid, 2-(3,3-dimethyl-1,2-dioxopentyl)-,
4-phenylbutyl ester (9C1) (CA INDEX NAME)

1-Pyrazolidinecarboxylic acid, 2-{3,3-dimethyl-1,2-dioxopentyl}-,
2-phenylethyl ester (9CI) (CA INDEX NAME)

L3 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN

340255-91-6 CAPLUS
Pyrazolidine, 1-(3,3-dimethyl-1,2-dioxopentyl)-2-(1-oxo-4-phenylbutyl)-(9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & & & & \\ & &$$

340255-92-7 CAPLUS
Pyrazolidine, 1-(3,3-dimethyl-1,2-dioxopentyl)-2-(1-oxo-6-phenylhexyl)(9C1) (CA INDEX NAME)

340255-93-8 CAPLUS
Pyrazolidine, 1-(3,3-dimethyl-1,2-dioxopentyl)-2-[1-oxo-5-(3-pyridinyl)pentyl]- (9CI) (CA INDEX NAME)

ANSWER 4 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

340256-00-0 CAPLUS Pyridarine, 1-(3,3-dimethyl-1,2-dioxopentyl)hexahydro-2-(1-oxo-6-phenylhexyl)- (9Cl) (CA INDEX NAME)

340256-01-1 CAPLUS

Pyridazine, 1-(3,3-dimethyl-1,2-dioxopentyl)hexahydro-2-[1-oxo-6-(3-pyridinyl)hexyl}- (9CI) (CA INDEX NAME)

340256-02-2 CAPLUS
1(2H)-Pyridazinecarboxylic acid, 2-(3,3-dimethyl-1,2-dioxopentyl)tetrahydro-, 3-phenylpropyl ester (9CI) (CA INDEX NAME)

340256-03-3 CAPLUS 1(2H)-Pyridazinecarboxylic acid, 2-(3,3-dimethyl-1,2-

ANSWER 4 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN (Continued) dioxopentyl)tetrahydro-, 4-phenylbutyl ester (9CI) (CA INDEX NAME)

340256-04-4 CAPLUS 1(2H)-Pyridazinecarboxylic acid, 2-(3,3-dimethyl-1,2-dioxopentyl)tetrahydro-, 5-phenylpentyl ester (9CI) (CA INDEX NAME)

340256-07-7 CAPLUS 1(2H)-Pyridazinecarboxylic acid, 2-(3,3-dimethyl-1,2-dioxopentyl)tetrahydro-, 4-(3-pyridinyl)butyl ester (9CI) (CA INDEX NAME)

340256-09-9 CAPLUS
Pyridazine, 1-(3,3-dimethyl-1,2-dioxopentyl)hexahydro-2-(1-oxo-5-phenylpentyl)- (9C1) (CA INDEX NAME)

ANSWER 4 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN

REFERENCE COUNT:

THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN

340256-17-9P 340256-19-1P 340256-20-4P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (preparation of N-substituted cyclic aza compds. having neuronal activity) 340256-17-9 CAPLUS
Pyridazine, 1-(3,3-dimethyl-1,2-dioxopentyl)hexahydro-2-(phenylmethyl)-(9CI) (CA INDEX NAME)

340256-19-1 CAPLUS
Pyridazine, 1-{3,3-dimethyl-1,2-dioxopentyl}hexahydro-2-{1-oxo-5-hexynyl}-(SCI) (CA INDEX NAME)

340256-20-4 CAPLUS
Pyridazine, 1-{3,3-dimethyl-1,2-dioxopentyl}hexahydro-2-{1-oxo-6-(3-pyridinyl}-5-hexynyl]- (9CI) (CA INDEX NAME)

L3 ANSWER 5 OF 5
ACCESSION NUMBER:
DOCUMENT NUMBER:
1987:119880 CAPLUS
106:119880 CA

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

046	PATENT NO.	KIND		APPLICATION NO.	DATE
046 B1 19910130 AT. BE, CH, DE, FR, GB, IT., LI, LU, NL, SE 03619 A 19861029 CM 1986-103619 19860428 6755 A1 19861113 AU 1986-56755 19860428 1930 A 19870120 DK 1988-1930 19860428 3170 A 19871230 ZA 1988-3170 19860428 463 A1 1980216 ES 1986-554463 19860428 463 A1 1980210 CK 1988-554463 19860428 65 E 19910215 AT 1986-303174 19860428 55582 B4 19950628 6232 A 19871229 US 1986-862913 19860514 4504 A 19890329 US 1986-862913 19860514 4505 A 19880329 US 1986-862910 19860514 4506 A 19880329 US 1986-862910 19860514 4507 A 1989103 US 1987-18491 19860514 4508 A 1989039 US 1988-862910 19860514 4509 A 1989103 US 1987-18491 19860514 4509 A 1989039 US 1988-862911 19860514 4500 A 1989039 US 1988-862911 19860514 4504 A 19891227 ZA 1988-2604 1980413 4504 A 19891227 US 1988-48691 19860514 4505 A 1980517 US 1987-41879 1987108 4506 A 1989039 US 1987-103189 1987108 4507 US 1988-862916 1980613 4508 A 1990710 US 1987-103174 19850428 4509 US 1988-862916 19860514 4509 US 1987-42196 US 1987-03174 4509 US 1988-862916 19860514 4509 US 1987-103188 19870930	EP 202046				19860428
03619 A 19851029 CN 1985-103519 19860428 6755 A 1 19661113 AU 1986-56755 19860428 610 A2 19870128 HU 1985-1763 19860428 81170 A 19871230 CA 1986-3170 19860428 8463 A1 198901002 CA 1986-5170 19860428 8412 A1 199901002 CA 1986-507777 19860428 85199 A 19861112 P 1986-303174 19860428 85499 A 19861112 P 1986-303174 19860428 85499 A 19861112 V 1986-862913 19860438 85490 A 19890129 US 1986-86290 19860514 8505 A 19880329 US 1986-86290 19860514 8506 A 19880329 US 1986-86290 19860514 8506 A 19880329 US 1986-86290 19860514 8507 A 19890103 US 1988-86291 19860514 8508 A 19890103 US 1988-86291 19860514 8509 A 1989103 US 1987-11887 19871028 8509 A 1989103 US 1987-11887 19871028 8500 A 19890103 US 1987-11887 19871028 8500 A 19890103 US 1987-11887 19871028 8500 A 1989003 US 1988-862916 19860413 8501 A 19900710 US 1989-418782 19891002 8501 A 19890413 US 1986-862901 19860413 8501 A 19900710 US 1988-862901 19860514 8501 A 19900710 US 1988-862901 19860413 8501 A 19900710 US 1988-862901 19860413 8501 A 19900710 US 1988-862901 19860413 8501 A 19900710 US 1988-862901 19860714	EP 202046	B1			
6755 Al 19661113 AU 1986-56755 19860422 1930 A 19870120 DK 1986-1930 19860426 60 A2 19670128 HU 1985-1763 19860422 13170 A 19871230 ZA 1985-3170 19860422 463 Al 19880216 ES 1985-554463 19860422 4832 Al 19901002 CA 1986-507777 19860422 4832 Al 19901002 CA 1986-507777 19860422 485499 A2 19861112 JP 1986-100817 19860432 595522 BA 19950628 6232 A 19871229 US 1986-862919 19860514 6505 A 19880329 US 1986-862909 19860514 6505 A 19880329 US 1986-862909 19860514 6505 A 19880329 US 1988-862908 19860514 6505 A 19890309 US 1988-862908 19860514 6506 A 19891227 ZA 1988-2604 1980432 6204 A 19891227 ZA 1988-2604 1980432 6204 A 19891227 ZA 1988-2604 1980432 6204 A 19891227 ZA 1988-2604 1980514 6206 A 1990710 US 1989-418782 19991002 6207 US 1985-418782 19990040 6208 1986-862916 19960514 6208 1986-862916 19960514 6208 1986-862916 19960514 6208 1986-862916 19960514 6208 1987-103488 19870930 6208 1987-103488 19870930	R: AT, BE,	CH, DE	, FR, GB,	IT, LI, LU, NL, SE	
1930 A 19870120 DK 1985-1930 19860426 60 A2 19870128 HU 1985-1761 19860426 463 A1 1980216 ES 1985-554463 19860426 4832 A1 19901002 CA 1986-507777 19860426 4832 A1 19901002 CA 1986-507777 19860426 554589 A2 19861112 JP 1986-100817 19860432 59582 B4 19950628 4503 A 19871229 US 1986-862903 19860514 4504 A 19880329 US 1986-862903 19860514 4504 A 19880329 US 1986-862913 19860514 4504 A 19890329 US 1986-862913 19860514 4504 A 19890329 US 1986-862910 19860514 4504 A 19890329 US 1986-862918 1986514 4505 A 19890103 US 1987-11887 19871025 4506 A 19890103 US 1987-11887 19871025 4507 A 1990103 US 1987-11887 19871025 4508 A 19901040 US 1989-418792 19800413 4509 US 1986-862901 19860514 4509 US 1987-101488 19870930	CN 86103619	A			19860428
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1370	DK 8601930	A			19860428
463 Al 19880216 ES 1985-554463 19860426 4832 Al 19901002 CA 1986-507777 19860426 55459 Al 199010102 AT 1986-303174 19860426 55459 Al 19861112 JP 1986-303174 19860426 55522 B4 19950628 4505 A 19871229 US 1986-862913 19860514 4505 A 19880329 US 1986-862913 19860514 4504 A 19880329 US 1986-862913 19860514 4504 A 19880329 US 1986-862913 19860514 4505 A 19890329 US 1987-114897 19861028 5815 A 19890329 US 1987-114897 19871028 5815 A 19890407 US 1987-114897 19871028 5816 A 19991040 US 1987-114897 19870040 5918 A 19910410 US 1989-418782 198910040 5918 A 19910410 US 1985-418782 19850428 5918 A 19910410 US 1986-862916 19860514	HU 40660	A2	19870128		
## ## ## ## ## ## ## ## ## ## ## ## ##	ZA 8603170	A	19871230	ZA 1986-3170	19860428
05 E 19910215 AT 1986-303174 19860425 55592 B4 19950628 JP 1986-100817 1986042 55592 B4 19950628 JP 1986-100817 1986042 55592 B4 19950628 JP 1986-862913 19860514 5505 A 19880329 US 1986-862913 19860514 5504 A 19880329 US 1986-862916 198650514 55815 A 19880517 JP 1986-2558084 19861025 55815 A 19890101 US 1987-114897 19871023 5604 A 19891227 AA 1988-2604 19880412 6718 A 19900710 US 1989-418782 19890402 1918 A 19910410 US 1989-418782 19890402 1918 BA 19910410 US 1986-862916 19860514	ES 554463		19880216	ES 1986-554463	19860428
54589 A2 19851112 JP 1986-100817 19860430 59582 B4 19950628 6232 A 19871229 US 1986-862903 19860514 5504 A 19880329 US 1986-862918 19860514 5504 A 19880329 US 1986-862918 19860514 12583 A2 19880517 JP 1986-258084 19860514 52604 A 1989103 US 1987-114897 19871023 52604 A 19891027 ZA 1988-2604 19880112 5018 A 1990710 US 1989-416782 1989010 1938 A 19910430 US 1989-503574 198060514 52604 US 1986-862906 19860514 52604 US 1986-862906 19860514 52605 US 1986-862906 19860514 52605 US 1987-42196 US 1987-031488 19870932	CA 1274832		19901002	CA 1986-507777	19860428
59582 B4 19950628 4322 A 19871229 US 1986-862913 19860514 4505 A 19880329 US 1986-862919 19860514 4504 A 19880329 US 1986-862918 19860514 12583 A2 19880517 JP 1966-258004 1986102 2604 A 19891227 ZA 1988-2604 1980412 2718 A 19900401 US 1989-41872 19990040 PIN. INFO: US 1985-729021 19850422 YS 1985-862906 19860422 US 1986-862906 US 1986-862906 19860422 YS 1985-962916 19860514 US 1986-862906 US 1986-862906 19860524 19860524 US 1986-862906 US 1985-982916 19860514 1987032 US 1987-104488 1987032 1987032 1987032	AT 60605		19910215	AT 1986-303174	19860428
6232 A 19871229 US 1986-862913 19860514 4505 A 19880329 US 1986-862909 19860514 4504 A 19880329 US 1986-862918 19860514 12583 A2 19880517 JP 1986-250084 19860514 2583 A2 19890103 US 1987-114897 19871023 2604 A 19891227 2A 1988-2604 19880412 19138 A 19910410 US 1989-416782 19890103 19138 A 19910410 US 1999-503574 19900402 19138 PIN. INFO: US 1986-862906 19860514 US 1986-862906 19860514 US 1987-42196 US 1987-031488 19870932	JP 61254589	A2	19861112	JP 1986-100817	19860430
4505 A 19880129 US 1986-862909 19865614 4504 A 19880129 US 1986-862918 19865614 12583 A2 19880517 JP 1986-258084 19861025 85815 A 19890103 US 1987-114897 19871023 2604 A 19891227 ZA 1988-2604 19880412 0718 A 19900710 US 1989-418782 19891020 PLN. INFO: US 1985-3574 19900402 PLN. INFO: US 1985-3574 19900402 US 1986-862906 19860514 US 1986-862906 19860514 US 1986-862916 19860514 US 1987-101488 19870932	JP 07059582	B4	19950628		
4504 A 19880329 US 1986-862918 19860514 12583 A 19890517 JP 1986-250084 19861025 5815 A 19890103 US 1987-114897 19871103 2604 A 19891227 ZA 1988-2604 19880412 1918 A 1990710 US 1989-418782 19891002 1918 A 19910430 US 1989-503574 19900402 PLN. INFO:: US 1986-729021 1980402 PLN. INFO:: US 1986-862906 19860524 US 1986-862916 19860524 US 1987-42196 US 1987-031488 19870932	US 4716232	A			19860514
12583 A2 19880517 JP 1986-258084 19861025 5815 A 1989103 US 1987-114897 19871026 2604 A 19891227 ZA 1988-2604 19880412 0718 A 19900710 US 1989-41678 19891002 1938 A 1991040 US 1989-41678 199900402 PIN. INFO: EF 1986-303174 199860422 US 1986-862906 19860514 US 1986-862906 19860514 US 1987-103488 19870932	US 4734505	A			
5815 A 1989103 US 1987-114897 19871022 2804 A 19891227 ZA 1988-2604 19880412 1918 A 19900710 US 1989-418782 19890102 1918 A 19910430 US 1989-503574 19900402 1918 INFO: US 1985-729021 19850428 US 1986-862906 19860524 US 1986-862916 19860524 US 1987-42196 19870932 US 1987-103488 19870932	US 4734504				
2604 Å 19891227 ZA 1988-2604 1980412 0718 A 1990710 US 1989-418782 19891001 1938 A 19910430 US 1990-503574 19900402 PLN. INFO: EP 1986-303174 19860422 US 1986-862906 19860514 US 1986-862916 19860514 US 1987-42196 US 1987-103488 19870932	JP 63112583				
0718 A 19900710 US 1989-418782 19891007 1938 A 19910430 US 1989-503574 19900401 PELN. INFO.: US 1985-799021 19850432 US 1986-303174 19860452 US 1986-862906 19860514 US 1986-862916 19870514 US 1987-42196 19870932 US 1987-103488 19870932	US 4795815				
1938 A 19910430 IS 1990-503574 19900402 PLN. INFO: US 1985-729021 19850432 EP 1986-303174 19850432 US 1986-862906 19860514 US 1986-862916 19860514 US 1987-42196 19870932 US 1987-103488 19870932	ZA 8802604	A			
PLN. INFO:: US 1985-729021 19850430 EP 1986-303174 19860430 US 1986-862906 19860514 US 1986-862916 1960514 US 1987-42196 19870432 US 1987-103488 19870930	US 4940718				
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US 1987-42196 19870423 US 1987-103488 19870930					
US 1987-103488 19870930					
US 1989-418782 19891002			•		

L3 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

The title compds. I (1 of R1, R2 = H, halo, C1-6 (un)substituted alkyl, perfluoro C2-4 alkyl, C7-12 (un)substituted aralkyl, (un)substituted Ph, heterocyclyl, R02, cyano, CX3 (X = F, C1, Br, iodo), S(0)2R7 (z = 0-2; R7 = C1-6 (un)substituted alkyl, Ph, C7-12 arylalkyl, heterocyclyl], C088 [R8 = H, C1-6 (un)substituted alkyl, perfluoro C2-4 alkyl, CC1], atc.], CC2R8 [R9 = H, Cation, C1-6 (un)substituted alkyl, etc.], P03(R10)2 [R10 = H, Cation, C1-6 (un)substituted alkyl, etc.], CR3N-tplbond O, Nt.tplbond O, quaternary ammonium group), heterocyclylthiomethyl, OR11 [R11 = H, C1-6 (un)substituted alkyl, etc.], NR1R2R1] [R12, R13 = H, C1-6 (un)substituted alkyl, etc.], C02R14 (R14 = C1-6 alkyl, C7-12 arylalkyl, Ph); the other of R1, R2 = C02R15 (R15 = Cation, C02H-protecting group, R1, C1-6 (un)substituted alkyl, c1-12 (un)substituted alkyl, c1-13 (

(Reactant or reagent)
(preparation and cyclization of)
106892-69-7 CAPLUS
1-Pyrazolidinepropanoic acid, a-{diethoxyphosphinyl}-4-[[(1,1-dimethylethoxy)carbonyl]amino]-2-{1,2-dioxo-4-pentenyl}-3-oxo-, methyl ester (9CI) (CA INDEX NAME)

L3 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN

106892-71-1 CAPLUS 1-Pyrazolidinepropanoic acid, a-(diethoxyphosphinyl)-4-{{{1,1-dimethylethoxy}carbonyl}amino}-2-{1,2-dioxo-4-pentenyl}-3-oxo-, ethylester (9CI) (CA INDEX.NAME)